

CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date: 12/29/2001
 Edited by: [Signature]
 Verified by: [Signature] (STIC staff)

Serial Number: 09/601,534

ENTERED

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JAN 08 2002

TECH CENTER 16002200

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☒ Edited the Current Application Data section with the actual current number. The number inputted by applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/601,534

DATE: 01/05/2001
TIME: 08:56:36

Input Set : A:\Pto.amc
Output Set: N:\CRF3\01052001\I601534.raw

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JAN 08 2001

TECH CENTER 1600/2800

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4 <110> APPLICANT: Glaxo Group Limited
5   Gauthier, Jean-Michel
7 <120> TITLE OF INVENTION: Method of screening
9 <130> FILE REFERENCE: PF3402
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/601,534
C--> 12 <141> CURRENT FILING DATE: 2000-08-28
14 <150> PRIOR APPLICATION NUMBER: GB 9802475.5
15 <151> PRIOR FILING DATE: 1998-02-06
17 <160> NUMBER OF SEQ ID NOS: 23
19 <170> SOFTWARE: PatentIn Ver. 2.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 81
23 <212> TYPE: DNA
24 <213> ORGANISM: Artificial Sequence
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
28   construct
30 <400> SEQUENCE: 1
31 agccagacaa gccagacaag ccagacaagc cagacaagcc agacaagcca gacaagccag 60
32 acaagccaga caagccagac a                                     81
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 81
37 <212> TYPE: DNA
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
42   construct
44 <400> SEQUENCE: 2
45 agacagacaa gacagacaag acagacaaga cagacaagac agacaagaca gacaagacag 60
46 acaagacaga caagacagac a                                     81
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 81
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
56   construct
58 <400> SEQUENCE: 3
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60 ataagctaca taagctacat a                                     81
63 <210> SEQ ID NO: 4
64 <211> LENGTH: 467
65 <212> TYPE: PRT
66 <213> ORGANISM: Homo sapiens
68 <400> SEQUENCE: 4
69 Met Ser Ser Ile Leu Pro Phe Thr Pro Pro Val Val Lys Arg Leu Leu
70   1           5           10           15

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72 Gly Trp Lys Lys Ser Ala Gly Gly Ser Gly Gly Ala Gly Gly Gly Glu
73                20                25                30
75 Gln Asn Gly Gln Glu Glu Lys Trp Cys Glu Lys Ala Val Lys Ser Leu
76                35                40                45
79 Val Lys Lys Leu Lys Lys Thr Gly Arg Leu Asp Glu Leu Glu Lys Ala
80                50                55                60
82 Ile Thr Thr Gln Asn Cys Asn Thr Lys Cys Val Thr Ile Pro Ser Thr
83 65                70                75                80
85 Cys Ser Glu Ile Trp Gly Leu Ser Thr Pro Asn Thr Ile Asp Gln Trp
86                85                90                95
88 Asp Thr Thr Gly Leu Tyr Ser Phe Ser Glu Gln Thr Arg Ser Leu Asp
89                100                105                110
91 Gly Arg Leu Gln Val Ser His Arg Lys Gly Leu Pro His Val Ile Tyr
92                115                120                125
94 Cys Arg Leu Trp Arg Trp Pro Asp Leu His Ser His Glu Leu Lys
95                130                135                140
97 Ala Ile Glu Asn Cys Glu Tyr Ala Phe Asn Leu Lys Lys Asp Glu Val
98 145                150                155                160
100 Cys Val Asn Pro Tyr His Tyr Gln Arg Val Glu Thr Pro Val Leu Pro
101                165                170                175
103 Pro Val Leu Val Pro Arg His Thr Glu Ile Leu Thr Glu Leu Pro Pro
104                180                185                190
106 Leu Asp Asp Tyr Thr His Ser Ile Pro Glu Asn Thr Asn Phe Pro Ala
107                195                200                205
109 Gly Ile Glu Pro Gln Ser Asn Tyr Ile Pro Glu Thr Pro Pro Gly
110                210                215                220
112 Tyr Ile Ser Glu Asp Gly Glu Thr Ser Asp Gln Gln Leu Asn Gln Ser
113 225                230                235                240
115 Met Asp Thr Gly Ser Pro Ala Glu Leu Ser Pro Thr Thr Leu Ser Pro
116                245                250                255
118 Val Asn His Ser Leu Asp Leu Gln Pro Val Thr Tyr Ser Glu Pro Ala
119                260                265                270
121 Phe Trp Cys Ser Ile Ala Tyr Tyr Glu Leu Asn Gln Arg Val Gly Glu
122                275                280                285
124 Thr Phe His Ala Ser Gln Pro Ser Leu Thr Val Asp Gly Phe Thr Asp
125                290                295                300
127 Pro Ser Asn Ser Glu Arg Phe Cys Leu Gly Leu Leu Ser Asn Val Asn
128 305                310                315                320
130 Arg Asn Ala Thr Val Glu Met Thr Arg Arg His Ile Gly Arg Gly Val
131                325                330                335
133 Arg Leu Tyr Tyr Ile Gly Gly Glu Val Phe Ala Glu Cys Leu Ser Asp
134                340                345                350
136 Ser Ala Ile Phe Val Gln Ser Pro Asn Cys Asn Gln Arg Tyr Gly Trp
137                355                360                365
139 His Pro Ala Thr Val Cys Lys Ile Pro Pro Gly Cys Asn Leu Lys Ile
140                370                375                380
142 Phe Asn Asn Gln Glu Phe Ala Ala Leu Leu Ala Gln Ser Val Asn Gln
143 385                390                395                400
145 Gly Phe Glu Ala Val Tyr Gln Leu Thr Arg Met Cys Thr Ile Arg Met

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RAW SEQUENCE LISTING
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Input Set : A:\Pto.amc
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JAN 08 2001

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146                               405                               410                               415
148 Ser Phe Val Lys Gly Trp Gly Ala Glu Tyr Arg Arg Gln Thr Val Thr
149                               420                               425                               430
151 Ser Thr Pro Cys Trp Ile Glu Leu His Leu Asn Gly Pro Leu Gln Trp
152                               435                               440                               445
154 Leu Asp Lys Val Leu Thr Gln Met Gly Ser Pro Ser Val Arg Cys Ser
155                               450                               455                               460
157 Ser Met Ser
158 465
162 <210> SEQ ID NO: 5
163 <211> LENGTH: 425
164 <212> TYPE: PRT
165 <213> ORGANISM: Homo sapiens
167 <400> SEQUENCE: 5
168 Met Ser Ser Ile Leu Pro Phe Thr Pro Pro Ile Val Lys Arg Leu Leu
169 1 5 10 15
171 Gly Trp Lys Lys Gly Glu Gln Asn Gly Gln Glu Glu Lys Trp Cys Glu
172 20 25 30
174 Lys Ala Val Lys Ser Leu Val Lys Lys Leu Lys Lys Thr Gly Gln Leu
175 35 40 45
177 Asp Glu Leu Glu Lys Ala Ile Thr Thr Gln Asn Val Asn Thr Lys Cys
178 50 55 60
180 Ile Thr Ile Pro Arg Ser Leu Asp Gly Arg Leu Gln Val Ser His Arg
181 65 70 75 80
183 Lys Gly Leu Pro His Val Ile Tyr Cys Arg Leu Trp Arg Trp Pro Asp
184 85 90 95
186 Leu His Ser His His Glu Leu Arg Ala Met Glu Leu Cys Glu Phe Ala
187 100 105 110
189 Phe Asn Met Lys Lys Asp Glu Val Cys Val Asn Pro Tyr His Tyr Gln
190 115 120 125
192 Arg Val Glu Thr Pro Val Leu Pro Pro Val Leu Val Pro Arg His Thr
193 130 135 140
196 Glu Ile Pro Ala Glu Phe Pro Pro Leu Asp Asp Tyr Ser His Ser Ile
197 145 150 155 160
199 Pro Glu Asn Thr Asn Phe Pro Ala Gly Ile Glu Pro Glu Ser Asn Ile
200 165 170 175
202 Pro Glu Thr Pro Pro Pro Gly Tyr Leu Ser Glu Asp Gly Glu Thr Ser
203 180 185 190
205 Asp His Gln Met Asn His Ser Met Asp Ala Gly Ser Pro Asn Leu Ser
206 195 200 205
208 Pro Asn Pro Met Ser Pro Ala His Asn Asn Leu Asp Leu Gln Pro Val
209 210 215 220
211 Thr Tyr Cys Glu Pro Ala Phe Trp Cys Ser Ile Ser Tyr Tyr Glu Leu
212 225 230 235 240
214 Asn Gln Arg Val Gly Glu Thr Phe His Ala Ser Gln Pro Ser Met Thr
215 245 250 255
217 Val Asp Gly Phe Thr Asp Pro Ser Asn Ser Glu Arg Phe Cys Leu Gly
218 260 265 270
220 Leu Leu Ser Asn Val Asn Arg Asn Ala Ala Val Glu Leu Thr Arg Arg

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/601,534

DATE: 01/05/2001

TIME: 08:56:36

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Output Set: N:\CRF3\01052001\I601534.raw

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221          275          280          285
223 His Ile Gly Arg Gly Val Arg Leu Tyr Tyr Ile Gly Gly Glu Val Phe
224          290          295          300
226 Ala Glu Cys Leu Ser Asp Ser Ala Ile Phe Val Gln Ser Pro Asn Cys
227 305          310          315          320
229 Asn Gln Arg Tyr Gly Trp His Pro Ala Thr Val Cys Lys Ile Pro Pro
230          325          330          335
232 Gly Cys Asn Leu Lys Ile Phe Asn Asn Gln Glu Phe Ala Ala Leu Leu
233          340          345          350
235 Ala Gln Ser Val Asn Gln Gly Phe Glu Ala Val Tyr Gln Leu Thr Arg
236          355          360          365
238 Met Cys Thr Ile Arg Met Ser Phe Val Lys Gly Trp Gly Ala Glu Tyr
239          370          375          380
241 Arg Arg Gln Thr Val Thr Ser Thr Pro Cys Trp Ile Glu Leu His Leu
242 385          390          395          400
244 Asn Gly Pro Leu Gln Trp Leu Asp Lys Val Leu Thr Gln Met Gly Ser
245          405          410          415
247 Pro Ser Ile Arg Cys Ser Ser Val Ser
248          420          425
252 <210> SEQ ID NO: 6
253 <211> LENGTH: 39
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial Sequence
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Description of Artificial Sequence:
259     Oligonucleotide
261 <400> SEQUENCE: 6
262 tcgagagcca gacaaaaagc cagacattta gccagacac
265 <210> SEQ ID NO: 7
266 <211> LENGTH: 39
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: Description of Artificial Sequence:
272     Oligonucleotide
274 <400> SEQUENCE: 7
275 tcqagtgtet gctaaatgt ctggtttttt gtotggctc
278 <210> SEQ ID NO: 8
279 <211> LENGTH: 39
280 <212> TYPE: DNA
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Description of Artificial Sequence:
285     Oligonucleotide
287 <400> SEQUENCE: 8
288 tcgagagaca gacaaaaaga cagacattta gacagacac
291 <210> SEQ ID NO: 9
292 <211> LENGTH: 39
293 <212> TYPE: DNA

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RAW SEQUENCE LISTING DATE: 01/05/2001
 PATENT APPLICATION: US/09/601,534 TIME: 08:56:37

Input Set : A:\Pto.amc
 Output Set: N:\CRF3\01052001\I601534.raw

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294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: Description of Artificial Sequence:
298     Oligonucleotide
300 <400> SEQUENCE: 9
301 tcgagtggtct gctaaaatgt ctgtcttttt gctgtcttc 39
304 <210> SEQ ID NO: 10
305 <211> LENGTH: 39
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of Artificial Sequence:
311     Oligonucleotide
313 <400> SEQUENCE: 10
314 tcgagagcta cataaaaagc tacatatitta gctacatac 39
317 <210> SEQ ID NO: 11
318 <211> LENGTH: 39
319 <212> TYPE: DNA
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: Description of Artificial Sequence:
324     Oligonucleotide
326 <400> SEQUENCE: 11
327 tcgaqlatgt agctaaatat gtagcttttt atgtagctc 39
330 <210> SEQ ID NO: 12
331 <211> LENGTH: 39
332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial Sequence
335 <220> FEATURE:
336 <223> OTHER INFORMATION: Description of Artificial Sequence:
337     Oligonucleotide
339 <400> SEQUENCE: 12
340 tcgagagcca gacaaaggagc cagacaagga gccagacac 39
343 <210> SEQ ID NO: 13
344 <211> LENGTH: 40
345 <212> TYPE: DNA
346 <213> ORGANISM: Artificial Sequence
348 <220> FEATURE:
349 <223> OTHER INFORMATION: Description of Artificial Sequence:
350     Oligonucleotide
352 <400> SEQUENCE: 13
353 ctcgagtgctc tggctccttg tctggtcctc tgtctggtc 40
356 <210> SEQ ID NO: 14
357 <211> LENGTH: 39
358 <212> TYPE: DNA
359 <213> ORGANISM: Artificial Sequence
361 <220> FEATURE:
362 <223> OTHER INFORMATION: Description of Artificial Sequence:
363     Oligonucleotide

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VERIFICATION SUMMARY DATE: 01/05/2001
PATENT APPLICATION: US/09/601,534 TIME: 08:56:38

Input Set : A:\Pto.amc
Output Set: N:\CRF3\01052001\I601534.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

1642

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/601,534
 DATE: 12/27/2000
 TIME: 10:23:20

Input Set : A:\ES.txt
 Output Set: N:\CRF3\12272000\I601534.raw

4 <110> APPLICANT: Glaxo Group Limited
 5 Gauthier, Jean-Michel
 7 <120> TITLE OF INVENTION: Method of screening
 9 <130> FILE REFERENCE: PF3402
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/601,534
 C--> 12 <141> CURRENT FILING DATE: 2000-08-28
 14 <150> PRIOR APPLICATION NUMBER: GB 9802475.5
 15 <151> PRIOR FILING DATE: 1998-02-06
 17 <160> NUMBER OF SEQ ID NOS: 23
 19 <170> SOFTWARE: PatentIn Ver. 2.1

*Does Not Comply
 Corrected Diskette Needed*

ERRORED SEQUENCES

473 <210> SEQ ID NO: 23
 474 <211> LENGTH: 23
 475 <212> TYPE: DNA
 476 <213> ORGANISM: Artificial Sequence
 478 <220> FEATURE:
 479 <223> OTHER INFORMATION: Description of Artificial Sequence:
 480 Oligonucleotide
 482 <400> SEQUENCE: 23
 483 tggagaggct ccgccccctg tcc
 E--> 487 9 23

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/601,534

DATE: 12/27/2000

TIME: 10:23:21

Input Set : A:\ES.txt

Output Set: N:\CRF3\12272000\I601534.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:487 M:254 E: No. of Bases conflict, LENGTH:Input:9 Counted:23 SEQ:23